

Application Serial No. 10/643,386  
Amendment dated July 23, 2004  
Reply to Office Action dated April 23, 2004

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims

1-28. (Canceled)

29. (New) A configuring system comprising:  
a portable configuring apparatus; and  
wherein the portable configuring apparatus is  
connectable to each air management system of a  
plurality of air management systems.
30. (New) The configuring system of claim 29, wherein the portable configuring apparatus may upload at least one configuration from the plurality of air management systems.
31. (New) The configuring system of claim 30, wherein the portable configuring apparatus may modify the at least one configuration.
32. (New) The configuring system of claim 31, wherein the portable configuring device may download the at least one configuration to the plurality of air management systems.

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33. (New) The configuring system of claim 32, wherein the portable configuring device is a personal digital assistant.

34. (New) The configuring system of claim 33, wherein the portable configuring apparatus is connectable via an infrared connection to each air management system of a plurality of air management systems.

35. (New) The configuring system of claim 34, wherein the portable configuring device comprises a display screen of configuration-related information.

36. (New) The configuring system of claim 29, wherein the portable configuring apparatus may download an installation configuration to each air management system of the plurality of air management systems.

37. (New) The configuring system of claim 29, further comprising an archive system having a backup storage of information contained in the portable configuring apparatus.

38. (New) The configuring system of claim 36, wherein the configuring device may download a logo and contact information of an entity that downloads a configuration to an air management system.

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39. (New) The configuring system of claim 29, wherein the portable configuring apparatus may download a calibration configuration to each air management system of the plurality of air management systems.

40. (New) The configuring system of claim 29, wherein the portable configuring apparatus may transfer a configuration of one air management system to another air management system of the plurality of air management systems.

41. (New) The configuring system of claim 29, wherein the portable configuring apparatus may monitor at least one air management system of the plurality of air management systems.

42. (New) The configuring system of claim 29, wherein:  
the portable configuring apparatus may upload at least two configurations from a plurality of air management systems;  
the portable configuring apparatus may modify the configurations; and  
the portable configuring apparatus may download the configurations to at least two of the air management systems of the plurality of air management systems.

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43. (New) The configuring system of claim 42, wherein the portable configuring apparatus may set the configurations to a default condition.

44. (New) A configuring system comprising:

a portable configuring apparatus; and  
wherein:

the portable configuring apparatus may upload and download configurations relative to a plurality of air management systems; and some air management systems of the plurality of air management systems are in buildings at different locations.

45. (New) The configuring system of 44, wherein the portable configuring apparatus has addresses of the buildings.

46. (New) The configuring system of claim 45, wherein particular configurations are assigned to the air management systems according to their location as recorded in the portable configuring apparatus.

47. (New) The configuring system of claim 44, wherein the portable configuring apparatus may modify the configurations.

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48. (New) The configuring system of claim 44, wherein the portable configuring apparatus may partially upload and download configurations relative to the air management systems.

49. (New) The configuring system of claim 35, wherein each configuration of an air management system for a space comprises a mechanism for selection and control of at least two parameters and/or mechanisms of a plurality of parameters and mechanisms comprising:

temperatures;  
ramps of temperature change;  
humidity content in air;  
volume of air movement;  
stages of cooling and heating for a plurality of zones of the space;  
heat pump, heater and cooling mechanism;  
humidifier and dehumidifier;  
air mover;  
percentage of fresh air in the air;  
occupancy status information for the space;  
dampers;  
valves;  
sensors;  
overrides;  
security; and  
schedules for at least one or more of the parameters and/or mechanisms.

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50. (New) The configuring system of claim 49 wherein the schedules are for at least two or more of the above-listed items.

51. (New) A portable configuration device comprising:  
a storage for holding configurations of air management controllers;  
a configuration modifier connected to the storage;  
a configuration downloader connected to the storage;  
and  
a configuration up-loader connected to the storage;  
and  
wherein the configuration provides parameter and mechanism monitoring and control for the respective air management air controllers.

52. (New) The device of claim 51, wherein the up-loader may upload configurations from air management controllers to the storage.

53. (New) The device of claim 52, wherein:  
configurations may be created and/or customized by the configuration modifier; and  
the configurations may be downloaded from the storage to the air management controllers.

54. (New) The device of claim 53, wherein:

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the portable configuration device is a personal digital assistant; and up-loading and downloading is via an infrared light between the personal digital assistant and the air management controllers.

55. (New) A means for configuring a plurality of controllers for management of air in contained spaces, comprising:

means for storing configurations of controllers for management of air;  
means for creating configurations for the controllers;  
means for uploading configurations from the controllers;  
means for modifying configurations of the controllers;  
and  
means for downloading configurations to the controllers;

56. (New) The means of claim 55, further comprising means for transferring configurations between controllers.